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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,266	09/30/2003	Kenneth Joseph Burger	ROC920030304US1	6175

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EXAMINER

BELL, CORY C

ART UNIT PAPER NUMBER

2164

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/675,266	<b>Applicant(s)</b> BURGER ET AL.	
	<b>Examiner</b> Cory C. Bell	<b>Art Unit</b> 2164	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on 03 July 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1, 4-11, 13-16 and 18-20 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 4-11, 13-16, and 18-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**SAMI HIMELL**  
**PRIMARY EXAMINER**

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1, 4-11, 13-16, and 18-20 have been examined.

#### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1, 4-11, 13-16, and 18-20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. No support can be found in the specification for the newly added limitation of “the relevant significance specifies a different order of the characteristics than the records”.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1 and 4-10 are rejected under 35 USC 112 second paragraph as “the records” lacks antecedent basis.

Claims 6-10 are rejected, as the scope of the claim is unclear, do to the fact that the claims set forth a storage medium comprising a structure by invoking means plus function language, and not instructions for executing a function.

#### ***Claim Rejections - 35 USC § 102***

Art Unit: 2164

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 4-8, 10, and 14 rejected under 35 U.S.C. 102(e) as being anticipated by US 6993533, known hereafter as Barnes.

4. **Claim 1** is rejected for the following reasons:

1. (Currently amended) A method comprising:

selecting a subset of a plurality of characteristics from a plurality of records based

on a model norm(Figure 5);

preparing a report with the subset(Figure 6, col 9 lines 39-46)

ordering the subset of the plurality of characteristics in the report based on a

relative significance of the characteristics in the model norm. wherein the relative

significance specifies a different order of the characteristics than the records'. (Col 10 lines 42-

51, Col 2 lines 43-46 shows that the order the rows, or characteristics, order as a record inside

a database is arbitrary, therefore it is inherent that the defined order is different from an

arbitrary order.)

ordering the plurality of records in the report based on a sort rule in the model

norm(Figure 5)

Art Unit: 2164

receiving a favored norm from an information supplier of a selected record in the report(Col 9 lines 63-67, Col 10 line 56 – Col 11 line 2)

selecting a second subset of the plurality of characteristics from the plurality of

Records. wherein the favored norm specifies the second subset(Figure 8) and

creating a second report with the second subset(Figure 9).

5. **Claim 4** is rejected for the following reasons:

4. The method of claim 1, wherein the preparing the report further comprises: preparing extra characteristics not in the subset in a least-significant column of the report as a sequence of name-value pairs(*Barnes, Col 10 lines 42-51, the ability to drill into individual records, retrieving the record*).

6. **Claim 5** is rejected for the following reasons:

5. The method of claim 4, wherein the preparing extra characteristics further comprises: ordering the name-value pairs based on a relative significance in a favored norm(*Figure 8*).

7. **Claim 6** is rejected for the following reasons:

See Claims 1 rejection.

8. **Claim 7** is rejected for the following reasons:

Art Unit: 2164

See Claim 4 rejection

9. **Claim 8** is rejected for the following reasons:

See Claim 5 rejection

10. **Claim 10** is rejected for the following reasons:

See Claim 1 rejection

***Claim Rejections - 35 USC § 103***

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. Claims 11, 13-16, and 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barnes.

13. **Claim 11** is rejected for the following reasons: Barnes teaches all aspects of claim 11 as can be found in the rejection of claim 1, except, there being a plurality of information providers. However it would have been obvious to one of ordinary skill in the art at the time of the invention that the presentation handler could have been connected to many information providers, i.e., reporting systems, as it would have given the user the advantage of being able to get reports from multiple sources. See *In re Harza*, 274 F.2d 669, 671, 124 USPQ 378, 380 (CCPA 1960).

14. **Claim 13** is rejected for the following reasons:

See Claim 1 rejection.

Art Unit: 2164

15. **Claim 14** is rejected for the following reasons:

See Claim 5 rejection.

16. **Claim 15** is rejected for the following reasons:

See Figure 8 “Group By”.

17. **Claim 16** is rejected for the following reasons:

See Claim 11 rejection.

18. **Claim 18** is rejected for the following reasons:

See Claim 5 and 1 rejections.

19. **Claim 19** is rejected for the following reasons:

See Claim 15 rejection.

20. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Barnes in view of US 5603025, known hereafter as Tabb.

21. **Claim 9** is rejected for the following reasons:

22. Barnes teaches the claims upon which claim 9 is dependent, as well as the ability for users to be able to drill down into more data, but did not expressly disclose there being an indicator that there is more information on the record. However, this is taught in Col 20 lines 28-47 of Tabb. Thus, it would have been obvious to one of ordinary skill in art to include this feature as it allows users to quickly identify paths to more data.

Art Unit: 2164

Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Barnes in further view of “Default Value” known hereafter as Pearson.

23. **Claim 20** is rejected for the following reasons:

Barnes teaches the claim upon which claim 20 is dependant, but fails to teach a default value being defined in the model norm, this is taught in Pearson however. Which teaches defining default values for views(or models) of database tables. Thus, it would have been obvious to one of ordinary skill in the art to define default values in the normalization for a view, or model, as it make the “default value visible to (the) user in data entry forms”.

#### ***Response to Arguments***

The rejection under 35 USC 101 has been withdrawn.

Applicant's arguments with respect to claims 1, 4-11, 13-16, and 18-20 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period



Art Unit: 2164

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cory C. Bell whose telephone number is (571) 272 2736. The examiner can normally be reached on m-f 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272 4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**SAM RIMELL**  
**PRIMARY EXAMINER**